

Fetal Death Ratio for Washington Births by Year of Birth

A fetal death is often referred to as a stillbirth, or an infant born without signs of life.

Fetal deaths are required to be reported at 20 or more weeks gestational age. Rates are deaths per 1,000 births.

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	RR
(N) Births	79,411	78,604	77,323	77,230	77,939	78,138	79,618	79,516	80,978	79,463	78,993	80,470	81,663	
Statewide Total Deaths	447	395	436	419	462	457	470	468	437	417	433	496	432	
Statewide Total Rate	5.6	5.0	5.6	5.4	5.9	5.8	5.9	5.9	5.4	5.2	5.5	6.2	5.3	
Maternal Characteristics														
Non-Medicaid	4.6	4.5	5.4	5.5	6.0	5.9	5.6	5.7	5.4	5.0	5.3	5.7	5.6	1.0
Medicaid	7.3	5.8	5.9	5.3	5.8	5.8	6.4	6.2	5.4	5.6	5.7	6.7	4.9	1.1
TANF/AFDC	7.1	5.8	4.7	4.1	4.4	4.8	6.0	5.3	5.7	5.9	5.9	5.3	4.5	1.0
S Women Citizens	7.6	6.1	6.5	6.0	6.6	6.2	6.9	6.3	5.3	5.1	6.0	8.0	4.8	1.2
Non-Citizens	5.0	5.8	6.3	4.0	6.1	6.2	3.9	5.7	5.1	4.4	3.1	4.6	5.4	0.9
Race/Ethnicity														
White	3.2	4.7	5.1	4.8	5.4	5.0	5.2	5.5	5.0	4.9	4.9	5.3	4.6	1.0
Hispanic	29.2	4.4	5.8	7.2	5.6	6.4	6.9	6.1	4.6	5.1	6.2	5.1	5.3	1.4
African American	5.6	11.4	8.2	9.6	8.2	10.7	11.6	11.7	10.0	9.2	10.3	11.9	7.9	2.0
Native American	4.4	1.9	6.4	8.1	7.5	8.6	11.1	6.4	6.6	6.5	8.1	6.8	2.1	1.3
Asian	2.2	4.5	5.1	4.9	6.9	4.9	4.0	5.6	5.0	4.0	3.8	5.9	4.2	1.0
Pacific Islander	0.0	9.0	3.4	10.6	12.9	3.2	12.6	1.5	5.5	6.4	5.5	5.2	5.9	1.2
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0	10.4	10.9	1.8
More than 1 race	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	5.0	1.7	n/a
Unknown	0.5	12.0	15.8	8.1	13.7	16.4	10.2	6.8	10.3	11.2	11.1	68.2	97.7	2.8
Age														
Less than 15 years	9.8	8.3	7.2	12.2	12.7	9.6	6.5	6.0	9.2	7.7	8.5	6.1	12.4	1.9
15 to 19 years	8.4	6.7	5.3	5.5	5.4	6.4	7.2	8.3	6.5	5.9	5.7	6.7	4.4	1.3
20 to 24 years	5.0	4.1	5.4	5.4	4.7	4.8	5.4	5.7	3.9	5.3	5.6	6.0	5.0	1.1
25 to 29 years	4.0	4.8	4.7	4.3	5.4	4.9	5.3	4.8	5.0	4.2	4.9	6.2	4.2	1.0
30 to 34 years	4.7	4.6	5.5	4.5	5.4	5.6	4.4	5.2	5.0	4.9	4.6	5.4	5.7	1.0
35 to 39 years	7.5	5.2	6.6	7.4	7.4	6.9	7.7	6.9	7.7	5.4	7.3	6.4	6.6	1.4
40 to 44 years	18.1	8.6	10.5	10.1	11.6	12.0	12.3	10.9	10.2	12.9	7.0	7.6	7.2	2.2
Smoking														
Unknown	15.2	19.8	20.7	48.0	21.7	28.4	22.9	79.3	59.7	73.6	75.4	52.0	36.9	7.5
Yes	6.0	4.4	4.4	5.0	6.0	4.3	6.3	5.4	5.5	5.1	5.4	5.0	6.1	1.1
No	5.1	4.8	5.5	4.0	5.1	4.9	4.7	4.6	4.5	4.1	4.4	5.5	4.1	1.0
Child's Birthweight														
Very low (227 to 1499 g)	237.4	221.5	256.6	241.1	212.1	221.9	221.2	238.8	219.7	203.0	218.1	248.8	180.8	196.7
Medium low (1500 to 2499 g)	19.7	19.6	18.1	16.3	15.5	17.6	14.9	14.6	13.3	10.1	14.1	19.6	10.3	13.7
Normal (2500+ g)	1.4	1.2	1.1	1.3	1.3	1.1	1.2	1.3	0.9	1.0	1.2	0.8	1.1	1.0
Other High Risk Groups														
Maternal Substance Abuse*	9.3	8.8	5.2	10.7	5.4	7.1	8.6	8.5	7.0	8.3	5.5	10.5	4.7	NA
Maternal Mental Health Dx*	9.9	8.3	9.0	10.3	8.7	10.7	8.3	12.7	9.5	9.9	7.7	12.8	7.3	NA
Placental Abruption	73.9	77.2	75.9	74.6	78.4	87.3	76.3	69.1	64.6	54.3	78.1	n/a	n/a	NA
Maternal Epilepsy*	19.8	12.3	9.9	0.0	23.3	9.3	13.9	20.7	6.9	18.3	0.0	0.0	8.0	NA

Relative risk (RR), the risk of an event occurring given one condition versus the risk of the event occurring given a different condition, was calculated using fetal death rates for all years of birth (1992 to 2004). A relative risk of 1.0 was assigned to each comparison group. **Italicized rates** are based on less than 5 events. Rates for small numbers of events are subject to variability and should be interpreted with caution. "NA" indicates data not available. An **asterisk (*)** indicates rate only for children born to women with Medicaid-paid maternity care; claims data not available for Medicaid managed care (1993-present). **Maternal Substance Abuse** is limited to prenatal or up to two months postpartum Medicaid diagnosis or treatment. **Race/ethnicity** groups are mutually exclusive; women of any race may be of Hispanic ethnicity.

Infant Mortality Rates for Washington Births by Year of Birth

An infant death is a death of a child under one year of age.

Rates are deaths per 1,000 live births.

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Pct. Change (%)
(N) Live Births	78,964	78,209	76,887	76,811	77,477	77,681	79,148	79,048	80,541	79,046	78,560	79,974	NA
Statewide Total Deaths	509	458	454	442	450	429	459	393	439	444	422	444	NA
Statewide Total Rate	6.4	5.9	5.9	5.8	5.8	5.5	5.8	5.0	5.5	5.6	5.4	5.6	(11.2)
Maternal Characteristics													
Non-Medicaid	4.5	4.8	4.8	4.4	4.6	4.3	4.4	3.8	4.4	4.7	4.4	4.4	(5.4)
Medicaid	9.6	7.3	7.4	7.7	7.5	7.2	7.8	6.5	6.9	6.8	6.7	7.0	(19.0)
TANF/AFDC	9.6	8.3	9.2	7.4	8.3	8.3	8.6	7.4	8.3	9.4	9.4	8.5	0.2
S Women Citizens	9.5	6.1	5.8	7.9	7.1	6.9	8.3	6.2	6.2	5.8	5.9	7.2	(14.7)
Non-Citizens	5.0	4.8	4.4	5.7	4.6	3.5	2.7	4.8	5.1	3.7	3.0	3.6	(32.0)
Race/Ethnicity													
White	6.0	5.6	5.9	5.3	5.5	5.3	5.3	4.3	5.3	5.2	4.9	5.2	(12.9)
Hispanic	5.8	5.1	4.0	5.2	4.9	5.0	4.8	4.8	5.2	5.3	4.7	5.0	(10.5)
African American	12.0	13.5	11.0	14.0	13.5	10.5	10.4	12.1	8.3	11.5	7.9	10.9	(27.4)
Native American	13.2	8.3	6.5	5.1	6.4	8.1	12.4	10.0	10.5	10.7	11.0	11.4	3.9
Asian	4.7	3.6	4.9	4.5	5.9	3.9	5.7	4.6	5.1	4.0	4.5	3.3	(5.6)
Pacific Islander	7.1	4.5	10.2	7.1	0.0	12.8	12.7	1.5	2.8	7.7	6.9	7.0	15.9
Other	0.0	0.0	0.0	32.3	0.0	40.0	38.5	0.0	0.0	0.0	0.0	10.6	-.-
More than 1 race	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	5.1	n/a
Unknown	10.9	8.1	8.2	12.9	8.2	7.0	10.3	8.9	4.8	8.6	12.4	24.9	57.8
Age													
Less than 15 years	15.8	11.7	5.5	10.8	9.2	17.4	19.7	8.0	14.0	18.2	20.1	15.3	31.0
15 to 19 years	12.6	9.3	7.8	8.1	8.7	9.0	8.0	7.8	9.0	9.0	5.7	8.9	(33.6)
20 to 24 years	7.2	6.3	6.4	6.6	6.3	5.3	7.8	5.6	6.6	6.6	6.7	6.2	(4.6)
25 to 29 years	4.7	4.3	5.2	4.8	4.8	4.4	4.6	3.8	3.9	4.0	4.5	5.4	10.5
30 to 34 years	5.8	5.4	4.8	4.4	5.2	4.8	4.2	4.1	4.4	4.7	4.3	4.3	(23.3)
35 to 39 years	4.8	5.3	6.3	5.8	5.0	5.7	4.3	4.8	5.3	5.3	5.6	3.7	(8.6)
40 to 44 years	5.6	9.4	9.9	7.0	8.8	9.1	8.7	7.9	5.7	9.5	7.0	10.0	12.3
Smoking													
Unknown	11.5	14.0	14.1	19.8	12.7	13.1	11.0	12.8	6.6	15.9	10.2	20.4	26.4
Yes	10.5	9.5	10.4	9.7	9.0	10.9	10.5	7.0	9.2	8.3	9.1	8.0	(14.7)
No	5.2	4.9	4.8	4.5	4.9	4.2	4.7	4.6	4.9	5.1	4.9	5.0	(2.3)
Child's Birthweight													
Very low (227 to 1499 g)	241.0	221.0	243.5	246.9	207.9	208.8	192.9	210.1	217.1	233.4	238.1	241.9	3.8
Medium low (1500 to 2499 g)	22.3	20.8	21.6	16.0	18.6	16.2	19.5	15.1	14.3	16.1	13.2	16.7	(30.4)
Normal (2500+ g)	3.4	3.3	3.0	2.8	2.8	2.8	2.7	2.1	2.5	2.5	2.3	2.2	(32.1)
Other High Risk Groups													
Maternal Substance Abuse*	15.5	16.2	15.6	13.7	11.4	15.5	8.1	14.1	14.0	11.2	11.5	11.9	(26.2)
Maternal Mental Health Dx*	18.1	17.6	14.1	15.3	13.9	17.4	13.8	12.8	13.2	11.0	12.2	10.1	(37.6)
Placental Abruption	52.5	42.8	45.0	48.4	54.2	50.0	44.6	39.3	41.4	57.4	49.4	n/a	4.4
Maternal Epilepsy*	27.8	24.9	24.9	0.0	15.9	37.4	7.0	35.2	20.8	24.8	26.3	0.0	(53.0)

Percent Change (%) is the difference between the mortality rates for children born in 2002-2003 and children born in 1992-1993 as a proportion of the mortality rate for children born in 1992-1993. **Italicized rates** are based on less than 5 events. Rates for small numbers of events are subject to variability and should be interpreted with caution. "NA" indicates data not available. An **asterisk (*)** indicates rate only for children born to women with Medicaid-paid maternity care; claims data not available for Medicaid managed care (1993-present). **Maternal Substance Abuse** is limited to prenatal or up to two months postpartum Medicaid diagnosis or treatment. **Race/ethnicity** groups are mutually exclusive; women of any race may be of Hispanic ethnicity.

Neonatal Mortality Rates for Washington Births by Year of Birth

A neonatal death is a death to an infant within the first 27 days of life.

Neonatal death rates are deaths per 1,000 live births.

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Pct. Change (%)
(N) Live Births	78,964	78,209	76,887	76,811	77,477	77,681	79,148	79,048	80,541	79,046	78,560	79,974	NA
Statewide Total Deaths	273	240	270	264	290	253	288	258	245	292	280	297	NA
Statewide Total Rate	3.5	3.1	3.5	3.4	3.7	3.3	3.6	3.3	3.0	3.7	3.6	3.7	11.5
Maternal Characteristics													
Non-Medicaid	2.8	2.9	3.2	3.0	3.3	2.7	3.1	2.5	2.8	3.4	3.2	3.3	15.8
Medicaid	4.6	3.3	4.0	4.0	4.3	4.0	4.4	4.3	3.3	4.1	4.0	4.2	4.7
TANF/AFDC	4.2	3.0	4.5	3.4	4.3	3.8	4.7	3.7	3.7	4.9	4.9	4.3	29.3
S Women Citizens	4.9	2.9	3.3	4.2	4.0	4.5	4.8	4.5	3.3	4.0	3.6	4.7	8.2
Non-Citizens	3.7	3.7	2.8	4.0	3.7	2.0	1.4	4.2	2.4	2.4	2.2	2.6	(34.4)
Race/Ethnicity													
White	3.1	3.0	3.4	3.1	3.5	3.1	3.2	2.7	3.0	3.6	3.2	3.4	7.4
Hispanic	4.0	3.0	3.3	2.7	3.0	3.2	3.0	3.6	2.8	3.4	3.2	3.9	3.0
African American	9.0	6.3	7.2	9.0	9.7	5.7	6.9	8.5	4.3	7.4	6.3	6.6	(16.1)
Native American	2.5	3.8	0.6	1.9	2.3	3.7	8.8	4.7	2.2	4.1	6.4	4.6	76.7
Asian	1.7	2.0	2.7	2.6	3.8	2.5	3.6	3.2	3.8	2.9	2.8	1.7	21.2
Pacific Islander	3.5	4.5	6.8	3.6	0.0	0.0	6.4	0.0	1.4	1.3	4.1	5.2	15.9
Other	0.0	0.0	0.0	32.3	0.0	40.0	38.5	0.0	0.0	0.0	0.0	7.9	.-
More than 1 race	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	3.2	n/a
Unknown	7.2	3.5	6.3	11.5	7.0	5.8	8.0	6.8	3.7	5.9	10.4	24.9	146.1
Age													
Less than 15 years	5.9	8.4	1.8	7.7	5.5	9.7	15.3	4.0	4.7	13.0	11.5	12.3	63.8
15 to 19 years	5.8	4.0	3.4	4.3	5.3	4.7	5.2	4.4	4.2	4.8	3.0	5.0	(19.0)
20 to 24 years	4.0	2.5	3.2	3.3	3.4	2.6	4.3	3.3	3.3	4.2	3.9	3.9	20.6
25 to 29 years	2.4	2.4	3.6	3.1	3.3	2.7	2.7	2.6	2.2	2.8	2.8	3.7	35.0
30 to 34 years	3.5	3.6	3.1	2.8	3.5	3.2	3.0	3.1	3.0	3.0	3.1	3.5	(7.5)
35 to 39 years	2.1	3.0	4.5	3.8	3.8	3.9	3.4	3.5	3.2	3.6	5.1	2.0	39.4
40 to 44 years	5.6	7.9	7.9	5.1	7.1	6.1	3.8	6.3	5.2	8.5	5.2	7.2	(8.9)
Smoking													
Unknown	7.5	9.1	11.8	15.6	11.4	11.6	9.3	8.5	2.8	10.3	7.1	17.7	58.4
Yes	4.9	3.8	4.1	4.4	4.1	4.8	5.4	3.2	3.7	3.7	4.3	3.5	(10.4)
No	2.9	2.8	3.2	2.8	3.3	2.5	3.0	3.2	3.0	3.6	3.4	3.5	21.5
Child's Birthweight													
Very low (227 to 1499 g)	211.1	182.8	214.5	218.6	186.2	180.7	165.7	186.9	182.9	207.0	219.0	210.9	8.9
Medium low (1500 to 2499 g)	10.9	11.2	13.1	9.0	11.1	11.2	12.9	9.8	7.0	9.1	6.7	11.7	(15.3)
Normal (2500+ g)	1.1	1.1	1.2	1.0	1.3	0.9	1.1	0.9	0.7	1.1	0.9	0.9	(16.2)
Other High Risk Groups													
Maternal Substance Abuse*	5.5	7.3	6.8	8.8	5.4	6.6	5.8	8.0	6.4	4.5	4.9	5.0	(22.2)
Maternal Mental Health Dx*	7.2	7.7	6.3	6.6	8.1	8.3	7.6	8.8	5.1	5.1	6.8	5.2	(20.3)
Placental Abruption	42.0	29.7	35.2	36.3	44.5	41.3	37.9	30.6	27.6	51.2	42.4	n/a	19.3
Maternal Epilepsy*	17.7	6.2	10.0	0.0	7.9	18.7	0.0	14.1	6.9	0.0	26.3	0.0	(0.8)

Percent Change (%) is the difference between the mortality rates for children born in 2002-2003 and children born in 1992-1993 as a proportion of the mortality rate for children born in 1992-1993. **Italicized rates** are based on less than 5 events. Rates for small numbers of events are subject to variability and should be interpreted with caution. "NA" indicates data not available. An **asterisk (*)** indicates rate only for children born to women with Medicaid-paid maternity care; claims data not available for Medicaid managed care (1993-present). **Maternal Substance Abuse** is limited to prenatal or up to two months postpartum Medicaid diagnosis or treatment. **Race/ethnicity** groups are mutually exclusive; women of any race may be of Hispanic ethnicity.

Postneonatal Mortality Rates for Washington Births by Year of Birth

A postneonatal death is a death that occurs to an infant of age 28 to 364 days.

Rates are deaths per 1,000 live births.

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Pct. Change (%)
(N) Live Births	78,964	78,209	76,887	76,811	77,477	77,681	79,148	79,048	80,541	79,046	78,560	79,974	NA
Statewide Total Deaths	236	218	184	178	160	176	171	135	194	152	142	147	NA
Statewide Total Rate	3.0	2.8	2.4	2.3	2.1	2.3	2.2	1.7	2.4	1.9	1.8	1.8	(36.9)
Maternal Characteristics													
Non-Medicaid	1.7	1.9	1.6	1.3	1.2	1.6	1.3	1.3	1.6	1.3	1.2	1.1	(38.6)
Medicaid	5.0	4.0	3.5	3.7	3.2	3.2	3.4	2.2	3.6	2.7	2.6	2.8	(39.6)
TANF/AFDC	5.4	5.3	4.7	4.0	4.0	4.6	4.0	3.7	4.6	4.5	4.5	4.2	(19.1)
S Women Citizens	4.6	3.2	2.5	3.7	3.1	2.4	3.5	1.7	2.9	1.9	2.3	2.6	(37.3)
Non-Citizens	1.2	1.1	1.6	1.7	0.9	1.5	1.4	0.6	2.7	1.3	0.8	1.0	(24.4)
Race/Ethnicity													
White	2.9	2.6	2.5	2.2	2.0	2.2	2.1	1.6	2.3	1.7	1.8	1.8	(35.3)
Hispanic	1.8	2.2	0.7	2.6	1.9	1.8	1.8	1.1	2.4	1.8	1.5	1.1	(34.0)
African American	3.0	7.3	3.8	5.0	3.8	4.7	3.5	3.6	4.0	4.2	1.6	4.4	(44.3)
Native American	10.7	4.5	5.8	3.2	4.1	4.4	3.5	5.3	8.3	6.5	4.6	6.8	(26.4)
Asian	3.0	1.6	2.2	1.9	2.1	1.4	2.0	1.4	1.2	1.0	1.6	1.6	(28.2)
Pacific Islander	3.5	0.0	3.4	3.6	0.0	12.8	6.4	1.5	1.4	6.4	2.7	1.7	15.9
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	-.-
More than 1 race	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.8	n/a
Unknown	3.6	4.6	1.9	1.4	1.2	1.2	2.3	2.1	1.1	2.7	2.1	0.0	(60.0)
Age													
Less than 15 years	9.9	3.4	3.6	3.1	3.7	7.7	4.4	4.0	9.3	5.2	8.6	3.1	(6.4)
15 to 19 years	6.7	5.4	4.4	3.8	3.4	4.3	2.8	3.4	4.8	4.2	2.7	3.9	(45.6)
20 to 24 years	3.2	3.9	3.2	3.3	2.9	2.7	3.4	2.3	3.4	2.4	2.8	2.3	(27.6)
25 to 29 years	2.2	1.9	1.6	1.7	1.5	1.8	1.9	1.2	1.7	1.1	1.7	1.7	(17.8)
30 to 34 years	2.3	1.9	1.8	1.6	1.7	1.6	1.2	1.0	1.4	1.7	1.2	0.9	(50.6)
35 to 39 years	2.7	2.3	1.8	2.0	1.2	1.7	0.9	1.3	2.1	1.6	0.4	1.6	(57.9)
40 to 44 years	0.0	1.4	2.0	1.9	1.8	3.0	4.9	1.6	0.5	1.0	1.9	2.7	203.5
Smoking													
Unknown	4.0	4.9	2.4	4.2	1.3	1.5	1.7	4.3	3.8	5.6	3.1	2.7	(33.8)
Yes	5.6	5.7	6.4	5.3	4.8	6.1	5.1	3.8	5.5	4.5	4.8	4.5	(18.0)
No	2.3	2.1	1.6	1.7	1.6	1.7	1.7	1.4	2.0	1.5	1.4	1.5	(33.1)
Child's Birthweight													
Very low (227 to 1499 g)	29.9	38.2	29.0	28.3	21.7	28.1	27.2	23.2	34.2	26.3	19.0	31.0	(25.7)
Medium low (1500 to 2499 g)	11.5	9.7	8.5	7.0	7.4	5.0	6.6	5.3	7.3	7.0	6.5	5.0	(46.1)
Normal (2500+ g)	2.3	2.2	1.9	1.8	1.6	1.9	1.6	1.3	1.8	1.4	1.4	1.3	(39.8)
Other High Risk Groups													
Maternal Substance Abuse*	10.0	8.9	8.8	4.9	6.0	9.0	2.3	6.1	7.6	6.7	6.6	6.9	(28.8)
Maternal Mental Health Dx*	10.9	9.9	7.8	8.8	5.8	9.0	6.2	4.0	8.1	5.9	5.5	4.9	(50.1)
Placental Abruption	10.5	13.0	9.8	12.1	9.7	8.7	6.7	8.7	13.8	6.1	7.1	n/a	(40.4)
Maternal Epilepsy*	10.1	18.7	14.9	0.0	7.9	18.7	7.0	21.1	13.9	24.8	0.0	0.0	(100.0)

Percent Change (%) is the difference between the mortality rates for children born in 2002-2003 and children born in 1992-1993 as a proportion of the mortality rate for children born in 1992-1993. **Italicized rates** are based on less than 5 events. Rates for small numbers of events are subject to variability and should be interpreted with caution. "NA" indicates data not available. An **asterisk (*)** indicates rate only for children born to women with Medicaid-paid maternity care; claims data not available for Medicaid managed care (1993-present). **Maternal Substance Abuse** is limited to prenatal or up to two months postpartum Medicaid diagnosis or treatment. **Race/ethnicity** groups are mutually exclusive; women of any race may be of Hispanic ethnicity.

SIDS Postneonatal Mortality Rates for Washington Births by Year of Birth

A SIDS (Sudden Infant Death Syndrome) death is the sudden death of an infant under one year of age which remains unexplained after the performance of a complete postmortem investigation, including autopsy, examination of the scene of death and review of case history.

Many examiners exclude unexplained deaths during the first month of life.

Rates are deaths per 1,000 live births.

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Pct. Change (%)
(N) Live Births	78,964	78,209	76,887	76,811	77,477	77,681	79,148	79,048	80,541	79,046	78,560	79,974	NA
Statewide Total Deaths	120	116	99	81	72	83	70	58	74	53	43	44	NA
Statewide Total Rate	1.5	1.5	1.3	1.1	0.9	1.1	0.9	0.7	0.9	0.7	0.5	0.6	(63.5)
Maternal Characteristics													
Non-Medicaid	0.8	1.0	0.6	0.6	0.4	0.5	0.3	0.5	0.6	0.3	0.3	0.2	(70.1)
Medicaid	2.7	2.2	2.2	1.6	1.7	1.9	1.7	1.1	1.4	1.1	0.9	1.0	(62.7)
TANF/AFDC	2.9	3.0	3.0	2.2	2.2	3.0	2.1	2.1	2.2	2.4	1.1	1.9	(49.4)
S Women Citizens	2.5	1.8	1.4	1.2	1.5	1.3	1.6	0.9	1.2	0.7	0.9	0.7	(63.0)
Non-Citizens	0.4	0.4	0.4	0.3	0.3	0.5	0.5	0.2	0.3	0.2	0.2	0.1	(62.2)
Race/Ethnicity													
White	1.5	1.4	1.3	1.1	0.9	1.0	0.9	0.7	0.9	0.5	0.5	0.6	(59.5)
Hispanic	0.3	1.0	0.1	0.3	0.4	0.7	0.7	0.3	0.7	0.3	0.5	0.2	(53.4)
African American	1.3	4.3	2.1	2.9	2.4	2.7	0.7	2.0	1.2	2.2	0.3	1.5	(70.1)
Native American	8.8	3.8	3.2	1.9	2.9	2.5	1.8	2.3	3.3	2.4	1.2	2.3	(74.0)
Asian	1.7	0.4	1.3	0.9	1.1	1.0	0.0	0.8	0.5	0.3	0.5	0.2	(68.1)
Pacific Islander	3.5	0.0	3.4	3.6	0.0	6.4	3.2	0.0	0.0	6.4	0.0	0.0	(100.0)
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	..-
More than 1 race	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.5	n/a
Unknown	1.0	2.3	1.5	0.0	1.2	0.4	1.5	0.6	0.4	1.4	1.2	0.0	(40.0)
Age													
Less than 15 years	3.9	1.7	0.0	3.1	0.0	5.8	0.0	2.0	0.0	2.6	2.9	0.0	(45.4)
15 to 19 years	4.3	3.5	3.0	1.5	2.1	2.8	1.1	1.9	2.1	1.3	1.0	2.0	(60.8)
20 to 24 years	1.8	2.1	1.7	1.6	1.6	1.5	2.0	1.1	1.4	1.2	0.9	0.7	(57.9)
25 to 29 years	1.2	1.0	1.0	0.9	0.4	0.7	0.6	0.5	0.5	0.4	0.5	0.5	(55.5)
30 to 34 years	0.8	0.9	0.8	0.6	0.7	0.4	0.4	0.4	0.5	0.3	0.3	0.2	(72.2)
35 to 39 years	0.7	0.9	0.6	0.9	0.2	0.7	0.1	0.2	1.1	0.6	0.2	0.1	(80.0)
40 to 44 years	0.0	0.0	1.3	0.0	0.6	0.0	1.1	0.5	0.0	0.0	0.0	0.5	..-
Smoking													
Unknown	1.2	2.8	0.6	1.9	1.0	0.3	1.2	0.9	1.9	1.9	1.0	0.9	(46.4)
Yes	3.5	3.7	4.1	3.2	2.8	3.9	3.2	2.1	2.8	2.2	1.5	2.4	(46.1)
No	1.0	1.0	0.7	0.6	0.6	0.6	0.5	0.5	0.7	0.5	0.4	0.3	(62.6)
Child's Birthweight													
Very low (227 to 1499 g)	3.0	1.6	6.5	1.6	1.3	2.7	1.2	2.7	2.6	1.3	2.7	3.9	43.3
Medium low (1500 to 2499 g)	5.2	5.6	4.1	3.9	3.1	2.2	1.9	2.9	3.0	0.8	2.4	1.2	(66.2)
Normal (2500+ g)	1.3	1.3	1.1	0.9	0.8	1.0	0.8	0.6	0.8	0.7	0.4	0.5	(65.6)
Other High Risk Groups													
Maternal Substance Abuse*	3.9	7.3	5.7	3.9	2.7	4.8	2.3	3.1	3.5	3.9	2.7	1.9	(57.9)
Maternal Mental Health Dx*	6.1	6.4	5.3	5.2	3.4	5.4	4.0	2.0	2.7	2.8	2.1	0.7	(57.9)
Placental Abruption	4.2	0.0	0.0	4.0	3.9	2.2	2.2	2.2	2.0	2.0	2.4	n/a	19.3
Maternal Epilepsy*	2.5	9.3	5.0	0.0	0.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	(100.0)

Percent Change (%) is the difference between the mortality rates for children born in 2002-2003 and children born in 1992-1993 as a proportion of the mortality rate for children born in 1992-1993. **Italicized rates** are based on less than 5 events. Rates for small numbers of events are subject to variability and should be interpreted with caution. "NA" indicates data not available. An **asterisk (*)** indicates rate only for children born to women with Medicaid-paid maternity care; claims data not available for Medicaid managed care (1993-present). **Maternal Substance Abuse** is limited to prenatal or up to two months postpartum Medicaid diagnosis or treatment. **Race/ethnicity** groups are mutually exclusive; women of any race may be of Hispanic ethnicity.

Postneonatal Mortality excluding SIDS Rates for Washington Births by Year of Birth

A postneonatal death is a death that occurs to an infant of age 28 to 364 days.

Rates are deaths per 1,000 liveborn infants, excluding deaths from Sudden Infant Death Syndrome (SIDS).

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Pct. Change (%)
(N) Live Births	78,964	78,209	76,887	76,811	77,477	77,681	79,148	79,048	80,541	79,046	78,560	79,974	NA
Statewide Total Deaths	116	102	85	97	88	93	101	77	120	99	99	103	NA
Statewide Total Rate	1.5	1.3	1.1	1.3	1.1	1.2	1.3	1.0	1.5	1.3	1.3	1.3	(8.1)
Maternal Characteristics													
Non-Medicaid	0.9	1.0	1.0	0.7	0.9	1.1	1.0	0.9	1.0	1.0	0.9	0.8	(9.2)
Medicaid	2.3	1.8	1.3	2.0	1.5	1.3	1.7	1.1	2.2	1.6	1.8	1.8	(12.3)
TANF/AFDC	2.5	2.3	1.7	1.8	1.8	1.6	1.9	1.7	2.3	2.2	3.4	2.3	18.7
S Women Citizens	2.1	1.5	1.0	2.5	1.5	1.1	1.9	0.8	1.7	1.2	1.4	1.9	(6.8)
Non-Citizens	0.8	0.7	1.2	1.3	0.6	1.0	0.9	0.4	2.4	1.1	0.6	0.8	(5.5)
Race/Ethnicity													
White	1.4	1.2	1.1	1.1	1.1	1.2	1.2	0.9	1.4	1.1	1.3	1.2	(9.3)
Hispanic	1.5	1.2	0.6	2.2	1.4	1.1	1.1	0.8	1.7	1.5	1.0	1.0	(24.3)
African American	1.7	3.0	1.7	2.1	1.4	2.0	2.8	1.6	2.8	1.9	1.3	2.9	(12.9)
Native American	1.9	0.6	2.6	1.3	1.2	1.9	1.8	2.9	5.0	4.1	3.5	4.6	211.7
Asian	1.2	1.1	0.9	1.1	1.1	0.4	2.0	0.6	0.7	0.7	1.2	1.4	7.7
Pacific Islander	0.0	0.0	0.0	0.0	0.0	6.4	3.2	1.5	1.4	0.0	2.7	1.7	--
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	--
More than 1 race	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.4	NA
Unknown	2.6	2.3	0.5	1.4	0.0	0.8	0.8	1.5	0.7	1.4	0.8	0.0	(73.3)
Age													
Less than 15 years	5.9	1.7	3.6	0.0	3.7	1.9	4.4	2.0	9.3	2.6	5.7	3.1	22.8
15 to 19 years	2.4	1.9	1.4	2.3	1.2	1.5	1.7	1.5	2.7	2.9	1.6	1.9	(17.8)
20 to 24 years	1.4	1.8	1.5	1.7	1.3	1.2	1.5	1.3	2.0	1.2	1.9	1.6	10.4
25 to 29 years	1.0	0.9	0.6	0.7	1.1	1.0	1.3	0.7	1.2	0.8	1.2	1.2	25.1
30 to 34 years	1.5	1.0	1.0	1.0	1.0	1.2	0.8	0.7	0.9	1.3	0.9	0.7	(36.2)
35 to 39 years	2.0	1.4	1.1	1.1	0.9	1.0	0.8	1.1	1.1	1.0	0.2	1.5	(47.7)
40 to 44 years	0.0	1.4	0.7	1.9	1.2	3.0	3.8	1.1	0.5	1.0	1.9	2.3	173.2
Smoking													
Unknown	2.8	2.1	1.8	2.4	0.3	1.2	0.5	3.4	1.9	3.7	2.0	1.8	(24.9)
Yes	2.1	2.0	2.3	2.1	2.0	2.2	1.9	1.7	2.7	2.3	3.3	2.1	30.2
No	1.3	1.1	0.8	1.1	1.0	1.0	1.2	0.8	1.3	1.1	1.0	1.2	(8.0)
Child's Birthweight													
Very low (227 to 1499 g)	26.9	36.6	22.6	26.7	20.4	25.4	26.0	20.5	31.6	25.1	16.3	27.2	(30.8)
Medium low (1500 to 2499 g)	6.3	4.1	4.4	3.1	4.3	2.8	4.7	2.4	4.3	6.2	4.0	3.7	(25.5)
Normal (2500+ g)	1.0	0.9	0.8	0.9	0.8	0.9	0.8	0.7	1.0	0.7	0.9	0.9	(3.1)
Other High Risk Groups													
Maternal Substance Abuse*	6.1	1.7	3.1	1.0	3.3	4.2	0.0	3.1	4.1	2.8	3.8	5.0	12.7
Maternal Mental Health Dx*	4.8	3.5	2.5	3.6	2.4	3.6	2.2	2.0	5.4	3.1	3.4	4.2	(7.9)
Placental Abruption	6.3	13.0	9.8	8.1	5.8	6.5	4.5	6.6	11.8	4.1	4.7	n/a	(52.3)
Maternal Epilepsy*	7.6	9.3	10.0	0.0	7.9	9.3	7.0	21.1	13.9	24.8	0.0	0.0	(100.0)

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